

January 2022 Northern Michigan Climate Summary

Alpena

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
13.9°F	-6.1°F	0.77"	-1.04"	14.4"	-4.9"

Houghton Lake

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
14.2°F	-4.9°F	0.53"	-1.17"	8.1"	-8.3"

Sault Ste. Marie

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
11.1°F	-5.1°F	2.70"	+0.49"	36.9"	+6.6"

Gaylord

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
14.7°F	-1.2°F	1.43"	-1.40"	22.6"	-14.8"

Traverse City

Avg Temp	Avg Temp Departure	Precip	Precip Departure	Snowfall	Snowfall Departure
20.0°F	-3.1°F	1.49"	-1.22"	29.7"	-2.6"

The year began on the chillier side of things, with January finishing colder than normal across our climate sites. The first two and a half weeks featured several instances of nights with lows falling below zero across the region. The coldest of the nights were January 15th-17th, with temperatures observed below -20°F at daybreak in the colder interior spots such as Grayling and Rudyard. Temperatures recovered considerably shortly after, with much of the area seeing their warmest temperature of the month on the 19th as highs peaked in the low 30s to near 40. The warmth was very short-lived, with temperatures falling back below normal on the 20th through the end of the month, including more nights that featured temperatures that dipped below -20°F in spots on January 28th and 29th.

Despite the colder than normal temperatures, snowfall in January was near to slightly below normal across the region. The presence of colder high pressure largely fended off clippers and other larger systems. That's not to say it didn't snow at all. As a matter of fact, most spots saw snowfall almost daily during the last week of the month; however the snowfall was quite light in nature, as most places saw a general 0.5-1.5" of snow in a given day. The heaviest snows during the month occurred after a cold front passed through on January 9th and left portions of the eastern U.P. in favorable conditions for lake effect snow. Sault Ste. Marie observed an official two day total of 16.1" from January 9th-10th, aiding the Soo in being the only climate site to report above normal snows for the month. The same trend held true with liquid equivalent precipitation for the month. Given the cold temperatures, much of the precipitation that fell during January 2022 was snow. Thus, the only location that observed above normal liquid equivalent precipitation was Sault Ste. Marie.